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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of

Shinji HIRANO

Application No.: 10/759,012

Filed: January 20, 2004

Docket No.: 118237

For: METHOD OF MANUFACTURING DISPLAY DEVICE HAVING COLUMNAR
SPACERS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. In accordance with 37 CFR §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.
- ☒ 3. Computer-generated English language translations of the following Japanese references have been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and are attached, but have not been reviewed for accuracy. See References 5-7.

Respectfully submitted,

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Date: November 29, 2004

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DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 118237		APPLICATION NO. 10/759,012	
				APPLICANT(S) Shinji HIRANO			
				FILING DATE January 20, 2004		GROUP	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1.	5,526,151	06/11/1996	MIYAZAKI et al.			
	2.	5,739,890	04/14/1998	UDA et al.			
	3.	5,916,004	06/29/1999	FARNWORTH			
	4.	6,465,268 B2	10/15/2002	HIRAKATA et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	5.	JP 9-252003 (w/abstract and translation)	09/22/1997	JAPAN	A		
	6.	JP 5-345435 (w/abstract and translation)	12/27/1993	JAPAN	A		
	7.	JP 10-104636 (w/abstract and translation)	04/24/1998	JAPAN	A		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: November 29, 2004